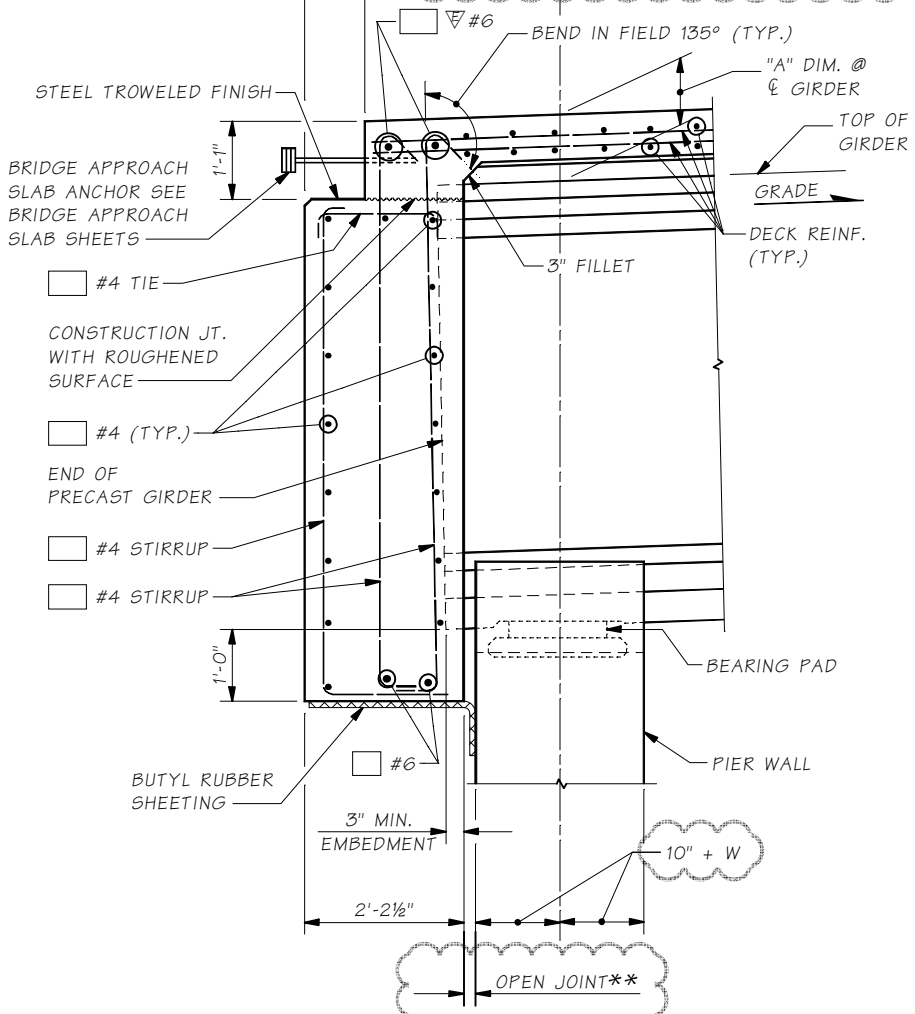


**NOTE TO DETAILER:**  
Revise Details to show correct girder shape and girder spacing.

**NOTE TO DESIGNER:**  
 $= 2'-2\frac{1}{2}" + W + \text{OPEN JOINT} **$



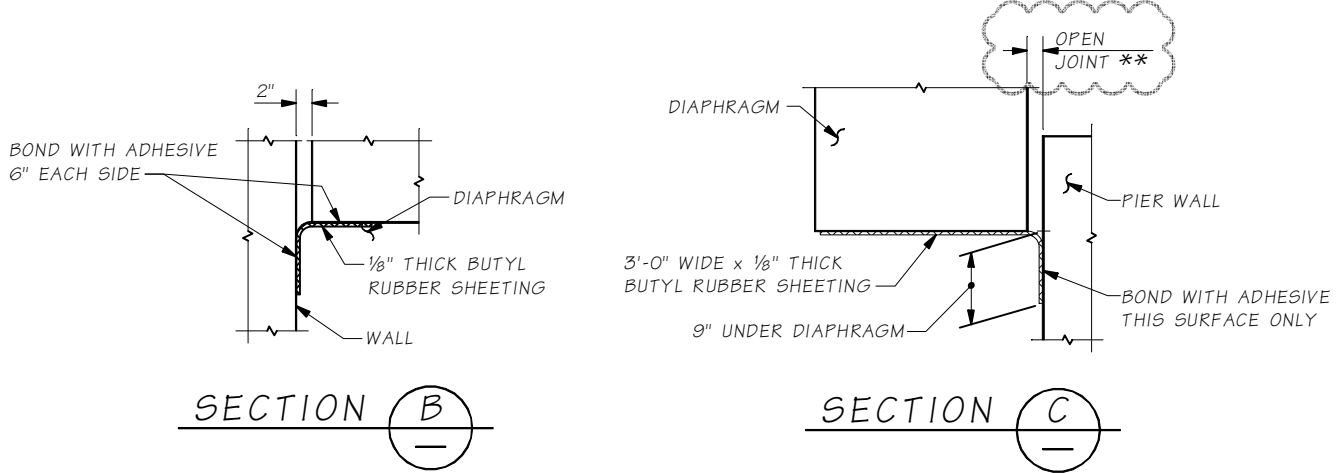
**ELEVATION  
END DIAPHRAGM**  
DIMENSIONS ARE ALONG C DIAPHRAGM

Bridge length	Open Joint
$L \leq 200'$	** = 1.5"
$200' < L \leq 300'$	** = 2.0"
$300' < L \leq 400'$	** = 2.5"
$L > 400'$	Special design

GIRDER	W
WF36G	0"
WF42G	0"
WF50G	1"
WF58G	2"
WF66G	3"
WF74G	4"
WF83G	4"
WF95G	4"
WF100G	5"

**NOTE TO DESIGNER:**  
Insert correct dimension value



SEE GIRDER SHEETS FOR DIMENSION "A".  
ALL LONGITUDINAL DIMENSIONS ARE NORMAL TO PIER WALL.  
+ GRADE SHOWN, - GRADE SIMILAR.

- NOTES:**
- GIRDERS SHALL BE HELD RIGIDLY IN PLACE WHEN DIAPHRAGMS ARE PLACED.
  - CUT/RELEASE GIRDER TEMPORARY STRANDS BEFORE CASTING DIAPHRAGM. SEE TEMPORARY STRAND CUTTING SEQUENCE.
  - EXTENDED STRANDS AND GIRDER REINFORCING NOT SHOWN FOR CLARITY.

Last revised on : 7/19/2011

5.6-A4-14

SR FILE NO. SHEET

Bridge Design Engr.	M:\STANDARDS\Girders\WF\END DIAPHRAGM.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By		JOB NUMBER				
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APPD		

Mon Oct 10 07:35:26 2011

**BRIDGE  
AND  
STRUCTURES  
OFFICE**



**STANDARD  
PRESTRESSED CONCRETE GIRDERS**  
  
END DIAPHRAGM DETAILS

BRIDGE SHEET NO.
SHEET
OF
SHEETS